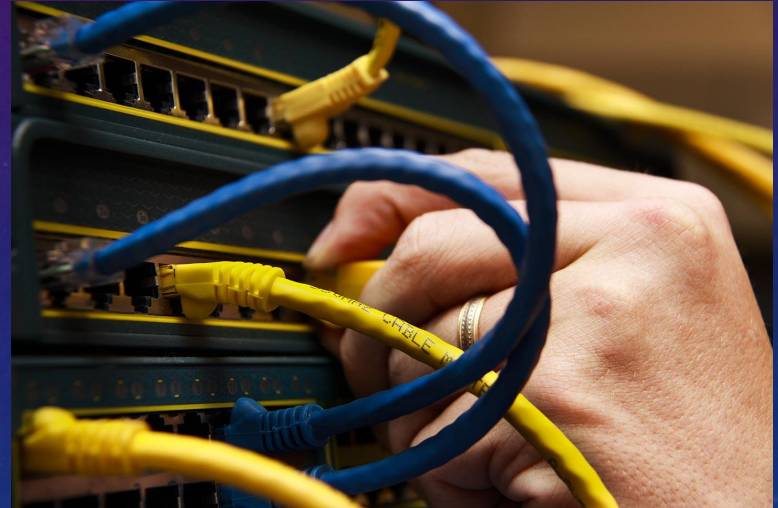# Computer Networking Specialist

By: Anikat and Dylan

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- What Computer Networking Specialists Do

- Career Oppurtunities

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- College Programs

What does a Computer Networking Specialist do?

- Computer Networking Specialist, much

  like engineers, design, monitor,

  maintain, and fix computer system

  networks, can have varied work hours,

  and varied work loads which can require

  extensive knowledge on networking,

  computer systems, and periphery

Working Conditions and Customers

- Network specialists can work from home, but they can also go to see clients in person to solve networking problems too. A Computer network specialist has to work long hours, or even nights and weekends, to complete their tasks, which are necessary to keep a company running smoothly.

- They work for a variety of employers, which can include information technology firms, education companies, and health care organizations.

Salary

- The average salary of a Computer Networking Specialist is ~$63, 514 per year.

- The lowest annual salary can be ~$54, 000.

- The highest annual salary can be ~$111, 000.

- Dependent on degree/diploma level, experience, and employer.
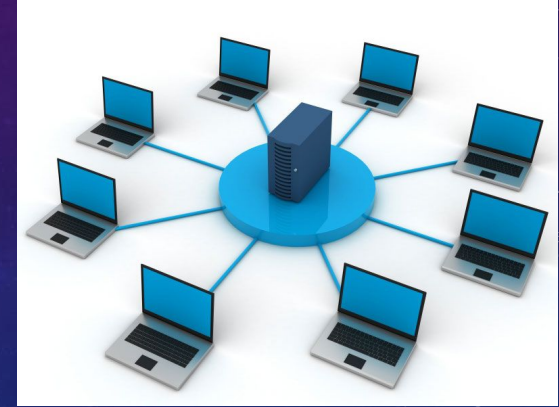
Job Number and Availability

- 13,370 network specialists in Toronto in 2017

- Fair outlook, meaning it will be fairly simple to find an employment opportunity from 2017-2019

- Just by searching on Indeed, you can find 1,210 employment opportunities, not regarding the other countless employers that don't use these online websites.

What type of Computers does a Computer Networking Specialist use?

- Computer Network Specialist can work on things like servers, or on general purpose computers and laptops.

- Work with server computers, general computers, routers, switches, fibre optic cables and other devices that are parts of networks, big or small.

Software Used

- They use software that helps them maintain networks.

- One of the softwares that can be used to assist a Computer Networking Specialist is a software called OpManager.
  - This software is used to monitor network performance, detect network defects and troubleshoot errors.

College Requirements

- High School Diploma

- Grade 12 English at College or University level

- One of the following courses:
  - Grade 11 Functions and Applications (MCF3M)
  - Grade 11 Functions (MCR3U)
  - Grade 12 Foundations for College Mathematics (MAP4C)
  - Grade 12 Mathematics for College Technology (MCT4C)
  - Grade 12 Mathematics of Data Management (MDM4U)
  - Grade 12 Advanced Functions (MHF4U) -or- Grade 12 Calculus and Vectors (MCV4U)

University Requirements

- <u>High School:</u>
  - Ontario Secondary School Diploma (OSSD)
  - Grade 12 English (ENG4U)
  - Grade 12 Calculus and Vectors (MCV4U)
  - Grade 12 Advanced Functions (MHF4U)
  - Grade 12 Chemistry (SCH4U)
  - Grade 12 Physics (SPH4U)
  - One additional Grade 12 university-level or university/college-level course

- 70% grade required in all prerequisite courses

Nearby Colleges & Programs

- Seneca College
  - Computer Networking and Technical Support

- St. Lawrence College
  - Computer Networking and Technical Support

- Conestoga College of Technology and Advanced Learning
  - Applied Network Infrastructure and System Administration

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